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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/741,734	12/19/2000	Dianna I. Tiliks	8285/375	5600

7590

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EXAMINER

MILLER, BRANDON J

ART UNIT

PAPER NUMBER

2683

DATE MAILED: 04/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/741,734

Applicant(s)

TILIKS ET AL.

Examiner

Brandon J Miller

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over O'Neil in view of Smith.

Regarding claim 1 O'Neil teaches a method for dual ringing of a wireline and a wireless extension of the wireline using an advanced intelligent telecommunication network with a service switching point and a service node (see abstract and col. 8, lines 43-50). O'Neil teaches routing a call from the SSP to a service node coupled with the SSP (see col. 10, lines 8-16, col. 12, lines 40-45 & 65-67 and col. 13, lines 1-8). O'Neil teaches a service node, initiating a first call to a wireless communication device associated with a wireline and a second call to a wireline (see col. 21, lines 26-34). O'Neil does not teach dual ringing of a Centrex line and a wireless extension of a Centrex line, receiving a call at a service signal point (SSP) assigned to a Centrex line or initiating a first call to a wireless communication device associated with a Centrex line. Smith teaches dual ring of a Centrex line and a wireless extension of a Centrex line (see col. 5, lines 10-13 and col. 6, lines 7-9), receiving a call at a service signal point (SSP) assigned to a Centrex line (see col. 5, lines 10-13 & 50-55) and initiating a first call to a wireless communication device associated with a Centrex line (see col. 5, lines 46-55 and col. 6, lines 3-5). It would have been obvious to one of ordinary skill in the art at the time the invention was

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made to make the O'Neil adapt to include dual ringing of a Centrex line and a wireless extension of a Centrex line, receiving a call at a service signal point (SSP) assigned to a Centrex line or initiating a first call to a wireless communication device associated with a Centrex line because this would allow a system that provides wireless communications to subscribers of a private wireline network.

Regarding claim 2 O'Neil teaches in response to either a first or second call being answered, dropping the other call (see col. 4, lines 28-39).

Regarding claim 3 O'Neil teaches if neither the first nor second call is answered within a time period, routing the call to a voicemail system associated with the line (see col. 29, lines 31-40).

Regarding claim 4 O'Neil teaches determining whether the wireless communication device is available, and wherein initiating a call is performed only if the wireless communication device is available (see col. 33, lines 57-67 and col. 34, lines 1-6, 23-28 & 35-42).

Regarding claim 5 O'Neil teaches a method for dual ringing of a wireline and a wireless extension of the wireline using an advanced intelligent telecommunication network with a service switching point and a service node (see abstract and col. 8, lines 43-50). O'Neil teaches routing a call from the SSP to a service node coupled with the SSP (see col. 10, lines 8-16, col. 12, lines 40-45 & 65-67 and col. 13, lines 1-8). O'Neil teaches a service node, initiating a first call to a wireless communication device associated with a wireline and a second call to a wireline (see col. 21, lines 26-34). O'Neil teaches suspending processing of a call and launching a query to a service control point coupled to the SSP (see col. 6, lines 7-15). O'Neil teaches launching a routing message instructing the SSP to route a call to a service node coupled with the SSP (see

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col. 6, lines 20-28). O'Neil does not teach dual ringing of a Centrex line and a wireless extension of a Centrex line, receiving a call at a service signal point (SSP) assigned to a Centrex line or initiating a first call to a wireless communication device associated with a Centrex line. Smith teaches dual ring of a Centrex line and a wireless extension of a Centrex line (see col. 5, lines 10-13 and col. 6, lines 7-9), receiving a call at a service signal point (SSP) assigned to a Centrex line (see col. 5, lines 10-13 & 50-55) and initiating a first call to a wireless communication device associated with a Centrex line (see col. 5, lines 46-55 and col. 6, lines 3-5). It would have been obvious to one of ordinary skill in the art at the time the invention was made to make the O'Neil adapt to include dual ringing of a Centrex line and a wireless extension of a Centrex line, receiving a call at a service signal point (SSP) assigned to a Centrex line or initiating a first call to a wireless communication device associated with a Centrex line because this would allow a system that provides wireless communications to subscribers of a private wireline network.

Regarding claim 6 O'Neil teaches a device as recited in claim 2 and is rejected given the same reasoning as above.

Regarding claim 7 O'Neil teaches a device as recited in claim 3 and is rejected given the same reasoning as above.

Regarding claim 8 O'Neil teaches if a wireless communication device associated with a wireline is not available launching a transmit message (see col. 34, lines 37-42). Smith teaches instructing the SSP to transmit a call to the Centrex line, and transmitting a call from the SSP to the Centrex line (see col. 5, lines 18-23).

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Regarding claim 9 O'Neil teaches a destination number assigned to a subscriber line (see col. 7-14).

Regarding claim 10 O'Neil teaches detecting a terminating attempt trigger (see col. 4, lines 31-39).

Regarding claim 11 Smith teaches determining whether a dual ringing service is enabled (see col. 6, lines 5-10).

Regarding claim 12 O'Neil teaches a wireless communication device that is part of a wireless network (see col. 13, lines 30-38). O'Neil teaches sending a request for availability information of a wireless communication device from the SCP to the wireless network (see col. 6, lines 15-22).

Regarding claim 13 O'Neil teaches sending a request for availability information of the wireless communication device from the SCP to a home location register in a wireless network and send availability information from the HLR to the SCP (see col. 6, lines 15-28).

Regarding claim 14 Smith teaches simultaneously initiating the first and second calls (see col. 6, lines 6-10).

Regarding claim 15 O'Neil teaches a method for dual ringing of a wireline and a wireless extension of the wireline using an advanced intelligent telecommunication network with a service switching point and a service node (see abstract and col. 8, lines 43-50). O'Neil teaches routing a call from the SSP to a service node coupled with the SSP (see col. 10, lines 8-16, col. 12, lines 40-45 & 65-67 and col. 13, lines 1-8). O'Neil teaches a service node, initiating a first call to a wireless communication device associated with a wireline and a second call to a wireline (see col. 21, lines 26-34). O'Neil teaches suspending processing of a call and launching a query

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to a service control point coupled to the SSP (see col. 6, lines 7-15). O'Neil teaches the SCP operative to receive a query and determine whether a wireless communication device is available (see col. 6, lines 13-28). O'Neil does not teach dual ringing of a Centrex line and a wireless extension of a Centrex line, receiving a call at a service signal point (SSP) assigned to a Centrex line or initiating a first call to a wireless communication device associated with a Centrex line. Smith teaches dual ring of a Centrex line and a wireless extension of a Centrex line (see col. 5, lines 10-13 and col. 6, lines 7-9), receiving a call at a service signal point (SSP) assigned to a Centrex line (see col. 5, lines 10-13 & 50-55) and initiating a first call to a wireless communication device associated with a Centrex line (see col. 5, lines 46-55 and col. 6, lines 3-5). It would have been obvious to one of ordinary skill in the art at the time the invention was made to make the O'Neil adapt to include dual ringing of a Centrex line and a wireless extension of a Centrex line, receiving a call at a service signal point (SSP) assigned to a Centrex line or initiating a first call to a wireless communication device associated with a Centrex line because this would allow a system that provides wireless communications to subscribers of a private wireline network.

Regarding claim 16 O'Neil teaches a device as recited in claim 2 and is rejected given the same reasoning as above.

Regarding claim 17 O'Neil teaches a home location register (HLR) coupled with the SCP, wherein the SCP is further operative to determine whether the wireless communication device is available by sending a request for availability information of the wireless communication device to the HLR (see col. 6, lines 7-28).

Regarding claim 18 O'Neil teaches a method for dual ringing of a wireline and a wireless extension of the wireline using an advanced intelligent telecommunication network with a service switching point and a service node (see abstract and col. 8, lines 43-50). O'Neil teaches routing a call from the SSP to a service node coupled with the SSP (see col. 10, lines 8-16, col. 12, lines 40-45 & 65-67 and col. 13, lines 1-8). O'Neil teaches a service node, initiating a call to a wireline with a network element separate from the switch (see col. 21, lines 26-34). O'Neil teaches initiating a call to a wireless communication device with a network element separate from the switch (see col. 5, lines 1-15 and col. 21, lines 26-34). O'Neil does not teach dual ringing of a Centrex line and a wireless extension of a Centrex line, receiving a call at a switch assigned to a Centrex line or initiating a call to a Centrex line. Smith teaches dual ring of a Centrex line and a wireless extension of a Centrex line (see col. 5, lines 10-13 and col. 6, lines 7-9), receiving a call at a switch assigned to a Centrex line (see col. 5, lines 10-13 & 50-55) and initiating a call to a wireless communication device associated with a Centrex line (see col. 5, lines 46-55 and col. 6, lines 3-5). It would have been obvious to one of ordinary skill in the art at the time the invention was made to make the O'Neil adapt to include dual ringing of a Centrex line and a wireless extension of a Centrex line, receiving a call at a switch assigned to a Centrex line or initiating a call to a Centrex line because this would allow a system that provides wireless communications to subscribers of a private wireline network.

Regarding claim 19 O'Neil teaches a device as recited in claim 4 and is rejected given the same reasoning as above.

Regarding claim 20 Smith teaches a device as recited in claim 14 and is rejected given the same reasoning as above.



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Regarding claim 21 O'Neil teaches a network element that is a service node (see col. 12, lines 48-50).

Regarding claim 22 O'Neil teaches a device as recited in claim 2 and is rejected given the same reasoning as above.

### *Conclusion*

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Roberts U.S Patent No. 6,208,854 discloses a system and method for routing a call to a called party's landline or wireless communication unit.

Ganesan U.S Patent No. 5,812,951 discloses a wireless person communication system.

Fuller U.S Patent No. 6,411,682 discloses computer controlled paging and telephone communication system and method.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brandon J Miller whose telephone number is 703-305-4222. The examiner can normally be reached on Mon.-Fri. 8:00 am to 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on 703-308-5318. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

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April 11, 2003



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